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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**



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Application Number	09/932,588
Filing Date	August 17, 2001
First Named Inventor	PANTTAJA et al.
Group Art Unit	2162
Examiner Name	Not Yet Assigned
Attorney Docket Number	2829-141

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**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)		
DL		4,750,119		COHEN et al.	06-07-1988
		4,885,685		WOLFBERG et al.	12-05-1989
		4,932,485		MORI	06-12-1990
		4,941,090		MCCARTHY	07-10-1990
		4,949,256		HUMBLE	08-14-1990
		4,992,940		DWORKIN	02-12-1991
		5,025,372		BURTON et al.	06-18-1991
		5,056,019		SCHULTZ et al.	10-08-1991
		5,117,355		MCCARTHY	05-26-1992
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		Office <sup>3</sup> Code	Number <sup>4</sup>	Kind <sup>5</sup> (if known)			
DL			UK 1 565 286		VIDEOCOM LIMITED	04-16-1980	
DL			UK 308,224		THE BRITISH THOMSON- HOUSTON CO., LTD.	06-05-1930	
DL			EPO 0 308 224	A2	MERIDIAN ENTERPRISES, INC.	03-22-1989	
DL			WO 93/01248	A1	MINNESOTA MINING AND MANUFACTURING CO.	01-21-1993	
DL			WO 96/29668	A1	MARITZ, INC.	09-26-1996	
DL			WO 97/22058	A1	THOMAS W. STOREY	06-19-1997	

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*[Signature]*

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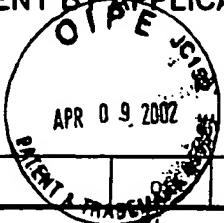
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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code.

<sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

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		Number	Kind Code <sup>2</sup> (if known)		
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		5,233,514		AYYOUBI et al.	08-03-1993
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		Office <sup>3</sup> Code	Number <sup>4</sup>	Kind <sup>5</sup> (if known)			
DL			UK 2274349	A	HTEC LIMITED	07-20-1994	
DL			UK 2 306 740	A	SAFEWAY STORES Plc	05-07-1997	
DL			UK 2 315 351	A	FUJITSU LIMITED	01-28-1998	

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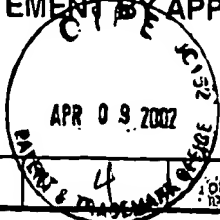
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Sheet	3	5	1	Attorney Docket Number	2829-141		
<b>U.S. PATENT DOCUMENTS</b>							
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY		
		Number	Kind Code <sup>2</sup> (if known)				
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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee of Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T <sup>6</sup>
		Office <sup>3</sup> Code	Number <sup>4</sup>	Kind <sup>5</sup> (if known)			
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		Number	Kind Code <sup>2</sup> (if known)		
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		6,009,415		SHURLING et al.	12-28-1999
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		6,061,660		EGGLESTON et al.	05-09-2000
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		6,243,688	B1	KALINA	06-05-2001

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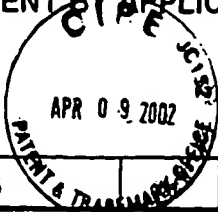
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## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (In CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
DL		Author Anonymous, "Chase-ing After Smart Electronic Commerce", September 15, 1995, Network Computing, (3 pages)
		Jackie Cohen, "Merchant Server Market Heats Up", February 1, 1997, Bank Technology News (10 pages)
		Author Anonymous, "Public-Key Algorithms", Chapter 19, Pgs. 461-502 (1996)
		Eric Brown, "No Small Change", Micropa, New Media (June 23, 1997) pp30-37
		Loretta E. Kaufman, "Taking Inventory of Your Frequent-Flier Miles", Money (April, 1996) (one page)
		Gary H. Anthes, "MCI Cuts Ribbon on digital Mall," Computerworld, p15 (November 28, 1994) (one page)
		Karen Rodriguez, "MCI Rolls out Internet Electronic Commerce," Infoworld, p12 (April 3, 1995) (one page)
		Hoffman et al., "Amex Travels the Net," Computerworld, p63 (February 27, 1995) (one page)
		Norman Hirsch, "Using the Internet to Reach Clients," American Printer, p64, date unknown (one page)
		Author Anonymous, "Give Cyber-Ready Consumers the Once Over", Interactive Marketing News, Copyright Phillips Business Information Corporation- June, 23, 1995, V.2, No. 13 (two pages)
✓		Author Anonymous, "eShop makes IMRA Connection," Discount Store News, p4 (March 6, 1995) (one page)

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